

EXHIBIT 1

CURRICULUM VITAE

Anthony Michael Jevnikar

PERSONAL:

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Date of Birth: May 22, 1953
Citizenship: Canadian
Marital Status: Married

CURRENT POSITION:

July 1991-June 1996 Assistant Professor Department of Medicine
July 1994-June 1996 Assistant Professor Department of Microbiology and Immunology
July 1996-present Associate Professor Department of Medicine
Associate Professor Department of Microbiology and Immunology
Scientist, Robarts Research Institute
University of Western Ontario
Division of Nephrology and Transplantation
University Hospital
339 Windermere Road
London, Ontario N6A 5A5 Canada

EDUCATION:

1971-76 Honours B.Sc. Microbiology, University of Western Ontario (UWO)
1976-77 M.Sc. Immunology, University of Western Ontario
Supervisor - Dr. N.R. StC. Sinclair
1977-81 M.D. (cum laude), University of Western Ontario

AWARDS:

1980 Alpha Omega Alpha Medical Society
1981 F. R. Eccles Scholarship, UWO
1981 Alpha Kappa Kappa Gold Medal, UWO
1988-91 Medical Research Council of Canada Research Fellowship

- 1991-93 Kidney Foundation of Canada Scholarship
1992 Canadian Society of Nephrology-Upjohn Young Investigator Award
1993-98 Medical Research Council Scholarship

POST GRADUATE EDUCATION:

- 1981-82 Rotating Internship, Victoria Hospital, London, Canada
1982-83 General Medical Resident (R1), UWO
1983-84 General Medical Resident (R2), UWO
1984-85 General Medical Resident (R3), UWO
1985-86 Nephrology Resident (R4) Research year
Supervisor - Dr. A.L. Linton
Victoria Hospital, London, Canada
1986-87 Nephrology Clinical Resident
University Hospital and Victoria Hospital, London, Canada
1987-88 Nephrology Fellowship - Clinical and Research
Supervisor - Dr. W. F. Clark
University Hospital and Victoria Hospital, London, Canada
1988-91 Immunology and Molecular Biology Research Fellow
Supervisor - Dr. V.E. Rubin-Kelley
Harvard University, Brigham and Women's Hospital, Boston

LICENSING EXAMINATIONS:

- 1981 Medical Council of Canada, Examinations, Reg. #54165
1981 College of Physicians & Surgeons of Ontario, Reg. #50851
1986 F.R.C.P. (C) Internal Medicine, Reg. #315076

MEMBERSHIPS:

- 1980 Ontario Medical Association
1980 Canadian Medical Association
1986 Canadian Society of Nephrology
1990 Canadian Transplantation Society
1991 International Society of Nephrology
1992 American Society of Nephrology
1994 Canadian Society for Immunology
1994 American Society of Transplant Physicians

COMMITTEES AND TEACHING:

- 1981-82 Postgraduate Medical Education Committee, Victoria Hospital
1985-87 Clinical Methods Instructor, University of Western Ontario

1998 Chairman, M.O.R.E., Kidney Advisory Committee

1998 M.O.R.E., Standards and Guidelines Committee

CURRENT RESEARCH INTERESTS:

1. Effect of major histocompatibility complex molecule deletion in autoimmunity.
2. Role of TGF β and apoptosis in lupus nephritis
3. The use of transgenic plants expressing mammalian proteins in inducing oral tolerance.
4. The role of CD45 in renal transplant rejection.

BOOK CHAPTERS:

1. Clark WF, Parbtani A, Jevnikar AM: Fish Oil Therapy in Kidney Disease. In: Health Effects of Fish and Fish Oils. Chandra RK (ed). ARTS Biomed.Publ. (St.John's, Nfld) Ch 18:303-320, 1989.
2. Philbrick DJ, Jevnikar AM, Celi B, Petric R, Clark WF, Holub BJ: Effect of Dietary Fish Oil on Kidney Phospholipids During Cyclosporin Treatment in Rats. In: Health Effects of Fish and Fish Oils. Chandra RK (ed). ARTS Biomed. Publ. (St.John's, Nfld) Ch32:495-505, 1989.
3. Wuthrich RP, Jevnikar AM, Rubin Kelly V: Lupus Nephritis. Understanding Lupus Nephritis: Unraveling the Pathogenesis Through Molecular Approaches in Murine Models. Lewis EJ, Schwartz MM, Korbet SM (ed.). Oxford Clinical Nephrology Series, University Press. Ch4:103-125, 1999.
4. Singh B, Prange S, Jevnikar AM: Protective and Destructive Effects of Microbial Infection in Insulin-Dependent Diabetes Mellitus. Semin. Immunol. 10(1):79-86, 1998.
5. Clark, WF, Jevnikar AM: Renal Transplantation for End-Stage Renal Disease Caused by Systemic Lupus Erythematosus Nephritis. Semin. Nephrol 19(1):77-85, 1999.

ABSTRACTS AND PRESENTATIONS:

1. Jevnikar AM: Nephrotoxicity of high and low osmolality contrast media (Presentation) UWO Resident Research Day, London May, 1986 and at the Fifth International Symposium of Nephrology at Montecatini, Terme, Italy July, 1987.
2. Jevnikar AM: Effect of dietary fish oil on cyclosporine (CsA) nephrotoxicity and associated hyperlipidemia (Presentation) UWO Resident Research Day, London, May, 1988.
3. Muirhead N, Keown PA, Mazahari R, Jevnikar AM, Hollomby DJ, Hodsman AB, Cordy PE, Lindsay RM, Faye WP, Clark WF: A Randomized Double Blind Controlled Trial of Recombinant Human Erythropoietin (r-HuEPO) in the Anemia of Hemodialysis Patients: The Royal College of Physicians and Surgeons of Canada Meeting, Ottawa, Canada, September, 1988.
4. Jevnikar AM, Petric R, Holub B, Philbrick D, Linton AL, Clark WF: Effect of Dietary Fish Oil on Cyclosporine (CsA) Nephrotoxicity and Associated Hyperlipidemia: The Royal

College of Physicians and Surgeons of Canada Meeting, Ottawa, Canada, September, 1988.

5. Guiraudon C, Muirhead N, Hollomby D, Jevnikar AM: Fine needle aspiration biopsies (FNAB) of kidney allografts: Results of 109 consecutive cases. Proceedings of the XXVth Congress of the EDTA, European Renal Association, September 1988, Spain.
6. Canadian Erythropoietin Study Group: The effect of recombinant human erythropoietin (EPO) upon quality of life (QL) and functional capacity (FC) of anemic patients on chronic hemodialysis. The American Society of Nephrology Program and Abstracts, 21st Annual Meeting, December, 1988.
7. Muirhead N, Keown PA, Mazahari R, Jevnikar AM, Hollomby DJ, Hodsman AB, Cordy PE, Lindsay RM, Faye WP, Clark WF: A Randomized Double Blind Controlled Trial of Recombinant Human Erythropoietin (r-HuEPO) in the Anemia of Hemodialysis Patients: Proceedings of the XXVth Congress of the EDTA, European Renal Association, September 1988, Spain.
8. Guiraudon C, Muirhead N, Hollomby D, Jevnikar AM: Fine needle aspiration biopsies (FNAB) of kidney allografts: Results of 109 consecutive cases (Vth International Workshop on Transplant Aspiration Cytology and other Non-Invasive Methods of Rejection. Washington, DC. Poster Session, March 1989.
9. Muirhead N, Keown PA, Slaughter D, Hodsman AB, Cordy PE, Clark WF, Jevnikar AM, Lindsay RM, Fay WP, Hollomby DJ, Wong C, Laupacis A: A double blind, randomized dose finding study of r-HuEPO in the anemia of chronic renal failure. European Dialysis and Transplant Association, Poster Session, June, 1989.
10. Jevnikar AM, Wuthrich RP, Glimcher LH, Kelley VE: LPS AND IL-1 α stimulated proximal tubular cells produce tumor necrosis factor in vitro. American Society of Nephrology Meetings, Washington DC, December, 1989.
11. Wuthrich RP, Jevnikar AM, Takei F, Glimcher LH, Kelley VE: Constitutive intercellular adhesion molecule-1 (ICAM-1) expression is upregulated in autoimmune MRL-lpr and (NZBxNZW)F1 mice with lupus nephritis. American Society of Nephrology Meetings, Washington DC, December, 1989.
12. Jevnikar AM: Renal tubular cells produce tumor necrosis factor. Renal Division Research Conference, Brigham and Women's Hospital, Boston, MA., May, 1990.
13. Brennan DC, Jevnikar AM, Takei F, and Kelley VE: Mesangial Cell accessory functions: Mediation by intercellular adhesion molecule-1. Federation of American Society of Experimental Biology, New Orleans, LO., June, 1990.
14. Jevnikar AM, Wuthrich RP, Glimcher LH, Rubin-Kelley VE: Renal tubular cells produce secreted and membrane associated tumor necrosis factor-a. XIII International Congress of the Transplantation Society, San Francisco, CA. August, 1990.

15. Jevnikar AM, Wuthrich RP, Brennan DC, Glimcher LH, Rubin-Kelley VE: Differing regulation and function of ICAM-1 and class II antigens on renal tubular cells. The Royal College of Physicians and Surgeons of Canada Meeting, Toronto, Ontario, Canada, September, 1990.
16. Brennan DC, Jevnikar AM, Takei F, Kelley VE: Mesangial cell accessory functions are mediated by intercellular adhesion molecule-1. American Society of Nephrology Meetings, Washington DC, December, 1990.
17. Xu H-W, Jevnikar AM (presenting), Brennan DC, Singer GG, Glimcher LH, Rubin-Kelley VE: Dexamethasone prevents proximal tubular Ia antigen but not ICAM-1 expression in mice protected from autoimmune nephritis. American Society of Nephrology Meetings, Washington DC, December, 1990.
18. Jevnikar AM, Brennan DC, Heng JE, Maslinski W, Glimcher LH, Rubin-Kelley VE: Proximal tubular cells stimulated *in vitro* and in lupus nephritis express tumor necrosis factor. American Society of Nephrology Meetings, Washington DC, December, 1990.
19. Jevnikar AM, Singer GG, Coffman T, Glimcher LH, Rubin-Kelley VE: Renal tubular cell expression of MHC class II (I-E^b) alone is insufficient to initiate immune injury in a transgenic kidney transplant model. American Society of Nephrology Meetings, Baltimore, MD, November, 1991.
20. Corpier CL, Wlodzimierz M, Jevnikar AM, Wieder KJ, Hadro E, Strom TB: Expression of the "Signal Transducing Domain" of the IL-2RB chain induces lymphocytic proliferation. American Society of Nephrology Meetings, Baltimore, MD, November, 1991.
21. Brennan DC, Bloom RD, Jevnikar AM, Singer GG, Rubin-Kelley VE: Paradoxical low basal secreted and membrane bound macrophage colony-stimulating factor (M-CSF) on MRL-lpr mesangial cells (MC). American Society of Nephrology Meetings, Baltimore, MD, November, 1991.
22. Diaz-Gallo C, Brennan DC, Jevnikar AM, Rubin-Kelley VE: Interferon-stimulated renal parenchymal cells downregulate proliferation of autoreactive kidney-specific T cell clones in MRL-lpr mice. American Society of Nephrology Meetings, Baltimore, MD, November, 1991.
23. Rubin-Kelley VE, Jevnikar AM, Brennan DC, Diaz-Gallo C: Autoreactive kidney-specific T cell clones captured from renal interstitium of MRL-lpr mice induce class II and intercellular adhesion molecule-1 (ICAM-1) on tubular epithelial cells (TECs). American Society of Nephrology Meetings, Baltimore, MD, November, 1991.
24. Jevnikar A, Singer G, Coffman T, Glimcher L, Rubin-Kelley V: Expression of transgenic MHC class II (I-E^b) on tubular cells alone is insufficient to initiate autoimmune injury in a kidney transplant model. XIVth International Congress of the Transplantation Society, Paris, France, August, 1992.

25. Lazarovits A, Rochon J, Banks L, Hollomby D, Muirhead N, Jevnikar A, White M, Amlot P, Beauregard-Zollinger L, Stiller C: Human mouse chimeric CD7 monoclonal antibody (SDZCHH380) for the prophylaxis of kidney transplant rejection. XIVth International Congress of the Transplantation Society, Paris, France, August, 1992.
26. Singer GG, Jevnikar AM, Bloom RD, Kreft B, Rubin-Kelley V: Expression of terminal differentiation features by transformed renal tubular epithelial cells varies with the method of transfection. American Society of Nephrology Meeting, November, 1992.
27. Singer GG, Bloom RD, Jevnikar AM, Rubin-Kelley V: Stimulated renal tubular epithelial cells induce anergy in CD4+T cells: a potential mechanism for peripheral tolerance. American Society of Nephrology Meeting, November, 1992.
28. Quan D, Grant D, Zhong R, Zhang Z, Yin Z, Garcia B, Duff J, Jevnikar A: Cytokine gene expression during intestinal allograft rejection in the mouse. Surgical Forum, American College of Surgeons Clinical Congress, San Francisco, October, 1993.
29. Li X-C, Quan D, Ogasa N, Jevnikar A, Zhong R, Grant D: LPS alters intestinal epithelial cell gene expression of regulatory cytokines and adhesion molecules. Third International Symposium of Small Bowel Transplantation Meeting, Paris, November, 1993.
30. Quan D, Grant D, Zhong R, Zhang Z, Yin Z, Garcia B, Duff J, Jevnikar A: Cytokine, ICAM-1 and MHC class II gene expression during intestinal allograft rejection in the mouse. Third International Symposium of Small Bowel Transplantation, Paris, November 1993.
31. Jevnikar AM, Grusby MJ, Glimcher LH: MHC class II deficient MRL-lpr mice do not develop autoimmune lupus nephritis. American Society of Nephrology, Boston, November 1993.
32. Ogasa N, Jevnikar AM, Li X, Zhang Z, Zhong R, Yin Z, Quan D, Garcia B, Stiller C, Grant D, Lazarovits A: Modulation of cytokine gene expression by CD45RB monoclonal antibody in renal allograft rejection. The American Society of Transplant Physicians, Chicago, May, 1994.
33. Lazarovits A, Zhong R, Zhang Z, Ogasa N, Quan D, Li X, Jevnikar AM, Garcia B, White M, Singh G, Stiller C, Grant D: Prevention and reversal of renal allograft rejection by monoclonal antibody to CD45RB. The American Society of Transplant Physicians, Chicago, May, 1994.
34. Quan D, Grant D, Zhong R, Zhang Z, Garcia B, Duff J, Jevnikar AM: Upregulation of cytokine gene expression precedes murine intestinal allograft rejection. The Royal College meeting, Toronto, September, 1994.
35. Jevnikar AM, Grusby MJ, Ogasa N, Yin Z-Q, Glimcher LH: Nephritis prevention and costimulatory molecule expression in MHC class II deficient MRL-lpr mice. CAT/CTS Annual

Meeting, Toronto, September, 1994.

36. Jevnikar AM, Mukherjee R, Yin Z-Q, Zhang Z, Zhong R: Renal class II molecule deletion does not prevent autoimmune nephritis in a transplant model. Accepted for presentation at The American Society of Transplant Physicians, Chicago, 1995.
37. Li X-C, Jevnikar AM, Zhong R, Grant DR: Cytotoxicity of TNF-a to intestinal epithelial cells requires transcriptional arrest. Fourth International Symposium of Small Bowel Transplantation Meeting, Pittsburgh, 1995.
38. Li X-C, Jevnikar AM, Zhong R, Grant DR: An unique cytokine gene repertoire in a cloned murine intestinal epithelial cell line. Fourth International Symposium of Small Bowel Transplantation Meeting, Pittsburgh, 1995.
39. Cagiannos C, Zhang Z, Jiang J, Zhong R, Garcia B, Chakrabarti S, Jevnikar AM, Sinclair N, Grant DR: The role of MHC in murine intestinal allograft rejection. Fourth International Symposium of Small Bowel Transplantation Meeting, Pittsburgh, 1995.
40. Ma S-W, Zhao D-L, Mukherjee R, Singh B, Qin H-Y, Stiller CR, Jevnikar AM: Use of plant derived autoantigen glutamic acid decarboxylase (GAD-67) to alter immune response in NOD mice model. American Society of Plant Physiologists, San Antonio, 1996.
41. Mukherjee R, Yin Z-Q, Chakrabarti S, Jevnikar AM: TGF β in MRL-lpr mice promotes autoimmune disease by augmenting defective peripheral apoptosis. Federation of American Society of Experimental Biology Meeting, New Orleans, 1996.
42. Ma S-W, Zhao D-L, Yin Z-Q, Mukherjee R, Singh B, Qin H-Y, Stiller CR, Jevnikar AM: Oral tolerization to murine glutamic acid decarboxylase (GAD67) produced in transgenic plants prevents diabetes in NOD mice. American Society of Transplant Physicians Meeting, Chicago, 1997.
43. Gogan NR, Hollomby D, Lazarovits A, Muirhead N, Sharma L, Henry M, Jevnikar AM: Selection bias in renal transplantation: correlation of physician choice with a computer based algorithm in a single centre. American Society of Transplant Physicians Meeting, Chicago, 1997.
44. Ma S-W, Zhao D-L, Yin Z-Q, Mukherjee R, Singh B, Qin H-Y, Stiller CR, Jevnikar AM: Oral tolerization to mouse glutamic acid decarboxylase produced in transgenic plants prevents diabetes in NOD mice. Fifth International Congress of Plant Molecular Biology, Singapore, 1997.
45. Gogan NR, Hollomby D, Lazarovits A, Muirhead N, Sharma L, Henry M, Jevnikar AM: A computer based algorithm to assist physician selection of renal transplant recipients. Canadian Society of Nephrology Meeting, Vancouver, 1997.

46. Anderson CC, Mukherjee R, StC.Sinclair NR, Jevnikar AM: Deletion of MHC class II molecules in *fas* deficient MRL-*lpr* mice causes hypogammaglobulinemia. American Society of Nephrology Meeting, San Antonio, 1997.
47. Mukherjee R, Yin Z-Q, Chakrabarti S, Parbtani A, Jevnikar AM: TGF- β augments defective peripheral apoptosis and autoimmune disease in MRL-*lpr* mice. American Society of Nephrology Meeting, San Antonio, 1997.
48. Ma S-W, Zhao D-L, Yin Z-Q, Stiller CR, Jevnikar AM: Expression of murine class II major histocompatibility complex molecules in transgenic tobacco plants. American Society of Nephrology Meeting, San Antonio, 1997.
49. Ma S-W, Zhao D-L, Yin Z-Q, Stiller CR, Jevnikar AM: The use of transgenic plants in the treatment and prevention of autoimmune disease. Regulation in Autoimmunity: Arthritis, Diabetes, EAE/MS - International Discussion Workshop, Genoa, Italy, 1997.
50. Prange S, Jevnikar AM, Singh B. 1997. Transplanted islets from MHC class I mice maintain function in diabetic NOD recipients. Presented at 6th International Workshop "Lessons from Animal Diabetes", 16th IDF Congress Satellite Symposium, Copenhagen, Denmark. July, 1997. Exp. Clin. Endocrinol. Diabetes. 105: 43-44.
51. Parbtani A, Jiang JF, Mukherjee R, Yin Z-Q, Chakrabarti S, Garcia B, Zhong R, Jevnikar AM: Allograft rejection of *fas* and *fas-L* deficient kidneys: lack of correlation between improved function and apoptosis. American Society of Transplant Physicians, Chicago, 1998.
52. McLaughlin K, Wajstaub S, Block M, Marotta P, Adams P, Grant D, Wall W, Jevnikar AM, Rizkalla K: Increased risk of post-transplant lymphoproliferative disease in recipients of liver transplants with hepatitis C. American Society of Transplant Physicians, Chicago, 1998.
53. Bagga A, Jevnikar AM, Hollomby DJ, Lazarovits AI, Muirhead N: Post renal transplant malignancies: a changing pattern in a single centre. American Society of Transplant Physicians, Chicago, 1998.
54. Moist LM, McDonald CG, Jevnikar AM, Feldman RD: Effects of inhibition of NA-K-CL cotransport on lymphocyte proliferation in vitro and in vivo. The Royal College of Physicians and Surgeons Meeting, Toronto, 1998.
55. Parbtani A, Zhong R, Jiang JF, Mukherjee R, Yin Z, Chakrabarti S, Garcia B, Jevnikar AM: Lack of correlation between apoptosis and allograft function using *Fas/Fas-L* deficient kidneys. The XVII World Congress of The Transplantation Society, Montreal, 1998.
56. Jevnikar AM, Prange S, Zucker P, Singh B: Absence of donor MHC class I but not class II prevents autoimmune injury of transplanted islets in diabetic NOD mice. American Society of Transplantation, Chicago, 1999.

PUBLICATIONS:

1. Jevnikar AM: Characteristics of immunologically reactive cells from human allograft recipients M.Sc. thesis, UWO, 1977.
2. Stiller CR, Sinclair NR StC, McGinn D, Jevnikar AM, Ulan RA: Diagnostic and prognostic value of donor specific post transplant immune responses; Clinical correlates and in vitro variables: *Transplant. Proc.* 1978;10:525.
3. Naylor CD, Jevnikar AM, Witt NJ: Self limited post-viral myositis: Two cases and a literature survey: *CMAJ.* 1987;137:819.
4. Jevnikar AM, Finnie KJC, Dennis B, Plummer DT, Avila A, Linton AL: Nephrotoxicity of high and low osmolality contrast media: *Nephron* 1988;48(4):300.
5. Jevnikar AM, Petric R, Holub BJ, Philbrick D, Clark WF: Effect of cyclosporine on plasma lipids and modification with dietary fish oil: *Transplantation* 1988;46(5):722.
6. Guiraudon C, Muirhead N, Hollomby D, Jevnikar AM: Fine needle aspiration biopsies of kidney allografts: Results in 117 consecutive cases. *Transplant. Proc.* 1989;21:3593.
7. Wuthrich RP, Glimcher LH, Yui MA, Jevnikar AM, Dumas SE, Kelley VE: Generation of highly differentiated murine renal tubular epithelial cell lines: MHC Class II regulation, antigen presentation and tumor necrosis factor production: *Kidney International* 1990;37:783.
8. Wuthrich RP, Jevnikar AM, Takei F, Glimcher LH, Kelley VE: Intercellular adhesion molecule-1 (ICAM-1) expression is upregulated in autoimmune murine lupus nephritis, *American Journal of Pathology* 1990;136:441.
9. Jevnikar AM, Wuthrich RP, Takei F, Xu H-W, Brennan DC, Glimcher LH, Kelley VE: Differing regulation and function of ICAM-1 and class II antigens on renal tubular cells. *Kidney International* 1990;38:417.
10. Xu H-W, Jevnikar AM, Rubin-Kelley VE: A simple and rapid method of chromosomal DNA extraction from tissue culture, *Nucleic Acids Research* 1990;16:4943.
11. Brennan DC, Jevnikar AM, Takei F, Kelley VE: Mesangial cell accessory functions: mediation by intercellular adhesion molecule-1. *Kidney International* 1990;38:1039.
12. Jevnikar AM, Wuthrich RP, Brennan DC, Maslinski W, Glimcher LH, Rubin Kelley VE: TNF-a is expressed on the surface of kidney proximal tubular cells, *Transplant. Proc.* 1991;21:231.

13. Rubin-Kelley VE, Jevnikar AM: Antigen presentation by renal tubular epithelial cells. *Journal of the American Society of Nephrology* 1991;2:13-26.
14. Jevnikar AM, Brennan DC, Singer GG, Heng JE, Maslinski W, Wuthrich RP, Glimcher LH, Rubin-Kelley VE: Stimulated kidney tubular epithelial cells express membrane associated and secreted TNFa. *Kidney International* 1991;40:203-211.
15. Brennan DC, Jevnikar AM, Bloom RD, Brissette WH, Singer GG, Rubin-Kelley, V: Cultured mesangial cells from MRL-lpr mice have decreased secreted and surface M-CSF. *Kidney International* 1992;42:279-284.
16. Jevnikar AM, Singer GG, Brennan DC, Xu H-W, Rubin-Kelley VE: Dexamethasone prevents autoimmune nephritis and reduces renal expression of Ia but not costimulatory signals. *American Journal of Pathology* 1992;141:743-751.
17. Barel D, Brennan DC, Jevnikar AM, Bastos M, Strom TB, Rubin-Kelley VE: Enhanced tumor necrosis factor in anti-CD3 antibody stimulated diabetic NOD mice: modulation by PGE₁ and dietary lipid. *Autoimmunity* 1992;13:141-149.
18. Diaz-Gallo C, Jevnikar AM, Brennan DC, Florquin S, Pacheco-Silva A, Rubin-Kelley, VE: Autoreactive kidney-infiltrating T-cell clones in murine lupus nephritis. *Kidney International* 1992;42:851-859.
19. Rubin-Kelley V, Diaz-Gallo C, Jevnikar AM, Singer GG: Renal tubular epithelial and T cell interactions in autoimmune renal disease. *Kidney International* 1993;43:S-108-S-115.
20. Lazarovits AI, Rochon J, Banks L, Hollomby DJ, Muirhead N, Jevnikar AM, White MJ, Amlot PL, Beauregard-Zollinger L, Stiller CR: Human mouse chimeric CD7 monoclonal antibody (SDZCHH380) for the prophylaxis of kidney transplant rejection. *Transplant Proc.* 1993;25:820-822.
21. Lazarovits A, Rochon J, Banks L, Hollomby D, Muirhead N, Jevnikar A, White M, Amlot P, Beauregard-Zollinger L, Stiller C: Human mouse chimeric CD7 monoclonal antibody (SDZCHH380) for the prophylaxis of kidney transplant rejection. *Journal of Immunology* 1993;150:5163-5174.
22. Jevnikar AM, Singer GG, Coffman T, Glimcher LH, Rubin-Kelley VE: Renal tubular cell expression of MHC class II (I-E^b) is insufficient to initiate immune injury in a transgenic kidney transplant model. *Transplant Proc.* 1993;25:142-143.
23. Li X-C, Tucker J, Zhong R, Jevnikar A, Grant D: The role of gut-associated lymphoid tissue in intestinal rejection: allogeneic response to rat intestinal lymphocytes. *Transplantation* 1993;56:244-247.
24. Zhong R, Gang H, Sakai Y, Zhang Z, Garcia B, Li X-C, Jevnikar A, Grant D: The effect

- of donor-recipient strain combination on rejection and graft-versus-host disease after small bowel/liver transplantation in the rat. *Transplantation* 1993;56:381-385.
25. Jevnikar AM, Singer GG, Coffman T, Glimcher LH, Rubin Kelley VE: Transgenic tubular cell expression of class II is insufficient to initiate immune renal injury. *JASN* 1993;3:1972-1977.
26. Li X-C, Zhong R, Gang H, Sakai Y, Garcia B, Jevnikar AM, Grant D: Host immune suppression after combined small bowel/liver transplantation in rats. *Transplant International* 1994;7:131-135.
27. Singer GG, Yokoyama H, Bloom RD, Jevnikar AM, Nabavi N, Rubin-Kelley VE: Stimulated renal tubular epithelial cells induce anergy in CD4+T cells. *Kidney International* 1993;44:1030-1035.
28. Jevnikar AM, Grusby MJ, Glimcher LH: Prevention of nephritis in major histocompatibility complex class II deficient MRL-lpr mice. *J. Exp. Med.*, 1994;179:1137-1143.
29. Li X-C, Zhong R, Quan D, Almawi W, Jevnikar AM, Grant D: Endotoxin in the peripheral blood during acute intestinal allograft rejection. *Transplant Int.*, 1994;7:223-226.
30. Quan D, Grant DR, Zhong RZ, Zhang Z, Garcia BM, Jevnikar AM: Altered gene expression of cytokine, ICAM-1 and class II molecules precedes mouse intestinal allograft rejection. *Transplantation* 1994;58:808-816.
31. Li X-C, Quan D, Ogasa N, Jevnikar AM, Zhong R, Grant D: LPS alters intestinal epithelial cell gene expression of regulatory cytokines and adhesion molecules. *Transplantation Proceedings* 1994;26:1531.
32. Li X-C, Almawi W, Jevnikar AM, Tucker J, Zhong R, Grant D: Allogeneic lymphocyte proliferation stimulated by small intestine-derived epithelial cells. *Transplantation* 1995;60:82-89.
33. Ogasa N, Jevnikar AM, Zhang Z, Zhong R, Yin Z, Li X, Quan D, Garcia BM, Stiller CR, Grant DR, Lazarovits A: Altered expression of cytokine genes by CD45RB monoclonal antibody in renal allograft rejection. *Transplantation Proceedings* 1995;27:398.
34. Lazarovits AI, Poppema S, Zhang Z, Khandaker M, Le Feuvre CE, Singhal SK, Garcia BM, Ogasa N, Jevnikar AM, White MJ, Singh G, Stiller CR, Zhong RZ: Prevention and reversal of renal allograft rejection by antibody against CD45RB. *Nature* 1996;380:717-720.
35. Mukherjee R, Zhang Z, Zhong R, Yin Z-Q, Roopenian DC, Jevnikar AM: Lupus nephritis in the absence of renal MHC class I and class II molecules. *J. Amer. Soc. Nephrology* 1996;7:2445-2452.
36. Lazarovits AI, Poppema S, Zhang Z, Khandaker M, LeFeuvre CE, Singhal SK, Garcia

- BM, Ogasa N, Jevnikar AM, White MJ, Singh G, Stiller CR, Zhong RZ: Therapy for mouse renal allograft rejection by monoclonal antibody to CD45RB. *Transplantation Proceedings* 1996;28:3208-3209.
37. Quan D, Zhang Z, Zhong R, Jevnikar AM, Garcia B, Grant D: Intestinal allograft rejection in lipopolysaccharide-hyporesponsive mice. *Transplantation Proceedings* 1996;28:2460-2461.
38. Li X-C, Jevnikar AM, Grant D: Expression of functional ICAM-1 and VCAM-1 adhesion molecules by an immortalized epithelial cell clone derived from the small intestine. *Cellular Immunology* 1997;175:58-66.
39. Anderson CC, Mukherjee R, Sinclair NR, Jevnikar AM: Hypogammaglobulinemia occurs in Fas deficient MRL-*lpr* mice following deletion of MHC class II molecules. *Clinical and Experimental Immunology* 1997;109:473-479.
40. Ma S-W, Zhao D-L, Yin Z-Q, Mukherjee R, Singh B, Qin H-Y, Stiller CR, Jevnikar AM: Transgenic plants expressing autoantigens to induce oral tolerance. *Nature Medicine* 1997;3:793-796.
41. McLaughlin K, Gholum B, Guiraudon C, Jevnikar A, Muirhead N: Rapid development of drug-induced lupus nephritis in the absence of extra-renal disease in a patient receiving procainamide. *Am J Kidney Dis* 1998;32(4):698-702.
42. McLaughlin K, Jevnikar AM, Lazarovits A, Hollomby D, Muirhead N: Discontinuing trimethoprim-sulfamethoxazole prophylaxis does not lead to increased risk of rejection in renal transplant patients with stable graft function. *Nephro, Dialysis & Transplantation* 1998;13(9):2428.
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Inventor: Methods And Products For Controlling Immune Responses In Mammals. European Patent Application No. 94928233.9 (Regional Phase of PCT/CA94/00530).